

MACZYNISKI, J.; KRYSZTON, D.

Characteristic functions and the strain tensor in a compressible  
sand mass motion. Bul Ac Pol tech 10 no.1:[35]-[42] '62.

1. Department of Mechanics of Continuous Media, Institute of Funda-  
mental Technical Problems, Polish Academy of Sciences, Warsaw.  
Presented by J.Litwiniszyn.

KM 73 1/2, Banuta

Characteristics of the range of the settling trough in loose  
ground. Archiv gorn 10 no.1:29-51 '65.

1. Submitted February 20, 1964.

BRZECKI, Andrzej; KRZYSZTON, Zofia

Case of peripheral and cerebral Winiwarter-Buerger disease  
with erythromelalgia. *Neur. &c. polska* 6 no.1:45-52  
Jan-Feb 56.

1. Z Kliniki Neurologicznej A. M. we Wrocławiu, Kierownik:  
prof. dr. R. Arend.

• (ERYTHROMELALGIA, etiology and pathogenesis,  
endarteritis obliterans. (Pol))

(ENDARTERITIS OBLITERANS, complications,  
erythromelalgia. (Pol))

GOLA, Alfred; KRZYSZTON, Zofia

Non-esterified fatty acids in the cerebrospinal fluid. Polski tygod.  
lek. 16 no.18:664-667 1 My '61.

1. Z III Kliniki Chorob Wewnetrznych A.M. we Wrocławiu; kierownik:  
prof. dr Edward Szczeplik i z Kliniki Chorob Nerwowych A.M. we  
Wrocławiu; kierownik: prof. dr Rudolf Arend.

(FATTY ACIDS csf) (CEREBROSPINAL FLUID chem)

HOLYST, Jerzy; KRZYSZTON, Zofia

Dermatomyositis simulating bulbar syndrome. Pol. tyg. lek. 17 no.13:  
484-486 26 Mr '62.

l. Z Kliniki Neurologicznej AM we Wrocławiu; Kierownik prof. dr  
Rudolf Arend.

(DERMATOMYOSITIS diag)

KRZYSZTON, Zofia, adiunkt

Problem of the etiopathogenesis of amyotrophic lateral sclerosis.  
Rozpr. wydz. nauk. med. 8 no.1:41-64 '63.

1. Z Kliniki Neurologicznej AM we Wrocławiu Kierownik: prof.  
dr med. Rudolf Arend (Przedstawili: prof. dr med. E. Herman,  
prof. dr med. A. Pruszynski).

(AMYOTROPHIC LATERAL SCLEROSIS)

Sec. 17 Vol. 3/8 Public Health Aug. 57

2511. KRZYSZTON-ZEMANEK M. "Wpływ warunków pracy na zdrowie zdrowie pracowników w zakładach przemysłu lnianego. Influence of labour conditions on the health of workers in the flax industry works ZDROW. PUBL. 1956, 5 (403-414) Tables 5  
Special attention is paid to occupational dermatoses (acne, 'spinner's hand') and the possibilities of improvement in this respect are pointed out.

AREN'D, Rudolf; BRZECKI, Andrzej; KRZYSZTONIOWA, Zofia

Results of the treatment of multiple sclerosis with Proper-  
Myl. Pol. tyg. lek. 18 no.41:1527-1529 70 '63.

Le Z Kliniki Neurologicznej AM we Wrocławiu; kierownik: prof.  
Dr. R. Arend.

(CRYPTOCOCCUS) (CANDIDA) (SACCHAROMYCES)  
(MULTIPLE SCLEROSIS) (BIOLOGICAL PRODUCTS)

HIRSZFELD, L.; KRZYSZTOPORSKI, S.

Results of the anti-allergic therapy of abortions. Med.dosw.mikrob.  
2 no.2:142-143 1950. (CIML 20:6)

1. Summary of report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Odansk, Sept. 1949. (Wroclaw).

KRZYSZTOPORSKI, S.; OSINSKA, M.; HIRSZFELD, L.

On transmission of maternal antibodies during labor. Med.diss.mi-  
krob. 2 no.2:144-145 1950. (CLML 20:6)

1. Summary of report given at 10th Congress of the Polish Micro-  
biological and Epidemiological Society held in Gdansk, Sept. 1949.  
(Wroclaw.)

KRZYSZTOFIORSKI, S.

KRZYSZTOFIORSKI, S., OSIŃSKIEJ, M., STOCHOLEJ, K., TUROZYNSKIEGO, T.,  
WIRSZPEŁD, L.

Further investigations on preventing abortions by antistine.  
Polski tygod. lak. 519, 27 Feb. 50. p. 321-5

1. Of the Institute for Medical Microbiology and of the Clinic  
Obstetrical-Gynecological of the Medical Academy in Wrocław.

CLML 19, 5, Nov., 1950

KRZYSZTOPORSKI, S.; KLAWE, H.; TURCZYNSKI, T.

Antistin in obstetrics (with exception of abortions). Polski tygod.  
lek. 5 no.41:1433-1435 9 Oct 50. (CLML 20:6)

1. Of the Clinic of Obstetrics and Female Diseases of the Wroclaw  
Medical Academy (Head--Prof. S. Krzysztoporski, M.D.) and of the Insti-  
tute of Medical Microbiology of Wroclaw Medical Academy (Head--Prof.  
L. Hirschfeld, M.D.). Work done for the Research Center on the Pathol-  
ogy of Pregnancy, Wroclaw.

HIRSZFELD, L.; KRZYSZTOPORSKI, S.; KLAWE, H.; TURCZYNSKI, T.; OSIŃSKA, M.;  
STOCHOWA, I.; LIHERSKA, H.

Further studies on the action of antiallergic drugs on  
pathological manifestations in pregnancy, with special  
reference to habitual abortions. Polski, tygod. lek. 6  
no.25-26:786-795 25 June 51. (CIML 21:1)

1. Of the Research Center for the Pathology of Pregnancy  
of the Obstetric-Gynecological Clinic in Wrocław and of  
the Institute of Medical Microbiology.

HIRSZFELD, L.; KRZYSZTOPORSKI, S.; KLAWE, H.; TURCZYNSKI, T.

Conservative therapy and prevention of blood groups incompatibility.  
Med. dosw. mikrob., Warsz. 4 no. 3:339 1952. (CLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish  
Microbiologists held in Krakow May 1951. 2. Wroclaw.

KRZYSZTOPORSKI, Stanislaw (Lodz, Mickiewicza 12)

Obstetric aspect of serologic conflict. Gin. Polska 25 no.3:253-  
263 July-Sept. 54.

(Rh FACTORS,  
isoimmun. in pregn.)  
(PREGNANCY, blood in  
Rh isoimmun.)

KRYSZTOPORSKI, Stanislaw. (Lodz, Mickiewicza 12, 14)

New method of hysterectomy. Gin. polska 27 no.1:29-33 1956.

1. Z II Kliniki Chorob Kobiecych A.M. w Lodzi  
Kierownik Kliniki: prof. dr S.Krysztoporski.

(UTERUS, surgery  
hysterectomy through Douglas pouch (Pol))

KRZYSZTOPORSKI, Stanislaw; FAJER, Jerzy; JEDRYKA, Regina.

Modification of total hysterectomy in cancer of the vaginal portion of the uterus. Gin. polska 27 no.1:35-40 1956.

1. Z II Kliniki Polonictwa i Chorob Kobiecych A.M. w Łodzi  
Kierownik Kliniki: prof. dr S.Krzysztoporski. Łódź, Mickiewicza  
12 m. 14.  
(CHMIX, UTERINE, neoplasus,  
surg. hysterectomy, total, modified technic (Pol))

EXCERPTA MEDICA Sec.16 Vol.4/12 Cancer Dec 56

4491. KRZYSZTOPORSKI S. 2. Klin. Pol. i Chor. Kob., Łódź. Własna modyfikacja doszczelnego usunięcia macicy w przypadkach raka części pochowej. A modification of radical hysterectomy in cervical cancer. Ginek. Pol. 1956, 27/1 (35-40).  
This method comprises 3 stages: (1) extraperitoneal stage - incision of the abdominal wall with dissection of the rectus muscles; extraperitoneal exposing of the ureter and aa. uterinae and ligating of these latter; (2) intraperitoneal stage - opening of the peritoneum in the vesico-uterine fold; separation of the bladder; cutting of the infundibulo-pelvic ligaments; mobilization of the ureters; incision of the peritoneum of the cul-de-sac and separation of the rectum from the posterior vaginal wall; (3) perineal stage - separation of the vagina from the rectum; opening of Douglas pouch; removing of the uterus with vagina and parametria.

Howarka - Poznań

KRZYSZTOPORSKI, Stanislaw

Modified method of removing the uterus through the vagina,  
Gin. polska 28 no.1:59-62 Jan-Feb 57.

1. Z II Kliniki Polonictwa i Chorob Kobiecych A.M. w Lodz  
Kierownik: prof. dr. S. Krysztoporski, Lodz, ul. Mikiewicza  
12 m. 14.

(UTERUS, surg.

modified method of removing uterus through vagina (Pol))

KRZYZTOPORSKI, Stanislaw (Lodz, Mickiewicza 12.)

New surgical approach to the organs of the true pelvis. Gin. polska 29  
no.2:151-156 Mar-Apr 58.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych A. M. w Lodzi Kierownik:  
prof. dr med. St. Krzysztoporski.  
(GENITALIA, FEMALE, surg.  
new surg. approach & technic (Pol))

KRZYSZTOPORSKI, Stanislaw

Ureteral pincers. Gin.polska 31 no.3:347-348 My-Je '60.

1. z II Kliniki Polonictwa i Chorob Kobiecych A.M. w Lodzi  
Kierownik: prof. dr St.Krzysztaporski  
(CERVIX NEOPLASMS surg)

KRZYSZTOPORSKI, Stanislaw

Prophylactic shoes for pregnant women and employees working in the standing position. Ginek. pol. 33 no. 5:627-632 '62.

1. Z II Kliniki Poloznictwa i Chorob Kobiecyh AM w Lodzi Kierownik:  
prof. dr S. Krzysztoporski.

(SHOES) (PRENATAL CARE) (OBESITY) (POSTURE)  
(INDUSTRIAL MEDICINE)

KRZYSZTOPORSKI, Stanislaw

Preventive clothing for working women with special reference to pregnancy. Ginek. pol. 33 no. 5:633-636 '62.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych AM w Lodzi. Kierownik:  
prof. dr med. S. Krzysztoporski.  
(CLOTHING) (PRENATAL CARE) (INDUSTRIAL MEDICINE)

KRYZIPORSKI, Stanislaw

A modified method for the removal of the fertilized egg. Sinek.  
Vol. 36 no.1871-75 Ja 1969

I. Z II Kliniki Polonitusa i Chorob Kobiecych w Lodz  
(Kierownik: prof. dr. med. St. Krzysztoforski)

L 44741-66 EWP(j)/EWP(t)/EPI IJF(c) RM/JD  
ACC NR: AP6032891 SOURCE CODE: 20/0046/65/010/012/0777/0781

AUTHOR: Vrublevska, Mariya--Jrobłowska, M.; Kshivan'ska, Emiliya--Krzywanska, E.

ORG: Department of Nuclear Chemistry, Warsaw University, Warsaw

TITLE: Investigation of the hydrogen rearrangement in the benzoic acid by using tritium

SOURCE: Nukleonika, v. 10, no. 12, 1965, 777-781

TOPIC TAGS: radiation chemistry, tracer study, tritium

ABSTRACT: The purpose of this work was to study the possibility of the hydrogen rearrangement in the benzoic acid. Radioactive tritium had been used as a labelling atom. The experiments performed at 200°C during 72 and 240 hours showed that rearrangement does not take place in these experimental conditions. Orig. art. has: 1 table. [Based on authors' Eng. abst.] [JPRS: 36,002]

SUB CODE: 07, 18 / SUBM DATE: 10Sep65 / SOV REF: 003

Card 1/1 mjs

0920 0408

GEISSLER, Karol; KRZYWANSKA, Emilja

Paraffin base chemical dosimeter. Nowotwory 15 no.1:97-100  
Ja-Mr'65.

1. 2 Instytutu Onkologii w Gliwicach (Dyrektor: dr. med.  
J. Świecki).

L 31429-66

ACC NR: AP6023144

SOURCE CODE: P0/0046/66/011/001/0029/0034

AUTHOR: Krzywanska, Emilia; Mendecki, Jozef141  
B

ORG: [Krzywanska] Department of Nuclear Chemistry, University of Warsaw, Warsaw (Katedra Chemii Jądrowej Uniwersytetu Warszawskiego); [Mendecki] Department of Tumor Biology, Institute of Oncology, Gliwice (Zakład Biologii Nowotworów Instytutu Onkologii)

TITLE: Measurement of activity of sup 14 C in the biological material by the liquid scintillation method

SOURCE: Nukleonika, v. 11, no. 1, 1966, 29-34

TOPIC TAGS: radioactivity measurement, scintillator, radiology

ABSTRACT: The optimal conditions for measurement of the activity of <sup>14</sup>C in biological samples by the liquid scintillation method were determined. The samples were burned to CO<sub>2</sub>, which was introduced into the scintillator solution. Orig. art. has: 2 figures and 1 table. [Based on authors' Eng. abst.] [NA]

SUB CODE: 18, 07, 06 / SUBM DATE: 10Sep65 / Sov. REF: 003 / OTH REF: 005

Card 1/1 JT

0915

1354

KRZYWANSKI, Zenon

Studies on the causes of the physiological resistance of potato leaves to Phytophthora infestans de Bv. II. Respiratory pathway in the leaves of two varieties of potatoes infected by, or treated with toxins of Phytophthora infestans. Prace nauk roln i leśn 11 no. 2:3-29. 62

1. Department of Plant Physiology, Agricultural College, Poznan  
Chairman: prof. dr. Jan Wołciechowski.

KLZYDA, S.

Cracking of the steam boiler drumhead. p. 152

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektrykow Polskich) Bytom, Poland. Vol. 13, no. 6, June 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 8, no. 9, September 1959  
Unclassified

KREWKWA, Z.

"The collective farm in Budzow has 350 quintals of potatoes from one hectare" p. 14.  
"Everybody in the Soil Improvement Action" p. 14 (Plan, Vol. 4, No. 5, May 1953,  
Warszawa)

SO: Monthly List of Russian Accessions / Library of Congress, March 1957, <sup>4</sup> Uncl.

POLAND / Cultivated Plants. Potatoes. Vegetables. Melons. M-3

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25032

Author : Krzywda, Z.

Inst : Not given

Title : A Method of Accelerating the Reproduction of Potato Selection Material by Means of Clipping Ethylated Sprouts

Orig Pub: Roczn. nauk rolniczych, 1956, A73, No 3, 401-406  
(Polish; res. Russ., Eng.)

Abstract: No abstract.

Card 1/1

BRZCZEK, Zenon; RAPYS, Michał

Studies on the physiological reasons of potato leaf  
resistance to *Phytophthora infestans* De Bary. Pt. 1. *Prace  
nauk rolne i leśne* 18 no. 2:69-82 '64.

i. Department of Plant Physiology, College of Agriculture,  
Poznan.

GRABSKA, Stanisława; KRZYWDZINSKI, J.

Survey of works of fine arts schools at the industrial  
pattern fair. Przegl wlokiem 16 no.10:Suppl.: Biul G B Wsorn  
Przem Lekkiego 3 no.7/8:1-4 0 '62.

KRZYWDZINSKI, Stanislaw, mgr inz.

Examples of solving linear programmings for mining needs by the  
graphic and communication method. Prezgl gorn 20 no.3:127-133 Mr '64.

GLOWACZ, Kazimierz, mgr inż.; KRZYWDZINSKI, Stanisław, mgr inż.

Operational research in the nonferrous ore industry. Pt. 3.  
Rudy i metale 8 no.4:129-132 '63.

KRZYWDZIŃSKI, Stanisław, mgr., inż.; GLOWACZ, Kazimierz, inż.

Application of operational tests in nonferrous ores dressing.  
Rudy i metale 7 no.1:12-15 '62.

KRZYWDZINSKI, Stanislaw, mgr inz.; GLOWACZ, Kazimierz, inz.

Application of operational research in the nonferrous ore industry.  
Pt.2. Rudy i metale 8 no.1:1-6 Ja '63.

Krzywicka, A. Regeneration of Chromo Tanning Solutions. "Regeneracja barwów chromowych" Przegląd Sztuki T. 1933, pp. 183-186, 1 tab.

The author deals with the methods hitherto practised in the colour industry for regeneration of the chloro-copper salts left over in waste tapeworm solutions, and with their advantages and shortcomings. The author also refers to a specific instance of regenerating chloro-copper salts by a method developed by Fetter, a chemist at the Russian Chemical Works. This method consists in the precipitation of copper hydroxide by chloro-acid and adding the residue, which contains chloro-copper salts, to a fresh solution infused from sodium dichloro-copper. This method results in a saving of sodium dichloro-copper.

KPZYWICKA, A.

Researches concerning the deacidification of polymerized ricinine, (To be contd.)  
p. 14. Biuletyn Przem. (PRZEGŁAD SKORZANY, Łódź, Vol 8, no. 13, Dec. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,  
Uncl.

KRZYWICKA, A.

Regeneration of chrome solutions, p. 193. (PRZEGLAD SKORZANY, Lodz, Vol. 8, no. 8, Aug. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955,  
Uncle.

Krzewicka, E.

2  
0

Krzewicka, E. Sur les solutions de l'équation différentielle  
 $x^{(n)} + A(t)x = 0$  qui satisfont à des conditions données  
dans plusieurs points. Bull. Acad. Polon. Sci. Cl. III.  
3 (1955), 521-522.

Consider real solutions of  $x^{(n)} + A(t)x = 0$  where  $A(t) \neq 0$   
is real and continuous on the real line. At  $n \leq n$  different  
points  $x_1 < x_2 < \dots < x_n$  we examine the derivatives  
 $x^{(n-1)}(x_n) = C_n$ , for a total of  $n$  boundary conditions. The  
author announces the following theorem. If the points  
 $x_1, \dots, x_n$  and the order  $q_n$  of the highest derivative  
evaluated at each  $x_n$  are fixed, then the existence of a  
unique solution satisfying the above auxiliary conditions  
is independent of the values  $C_n$  and of the natural  
numbers  $j_n$ . Also the author remarks on conditions on  
 $(q_1, q_2, \dots, q_n)$  which assure the existence of a unique  
solution for all sequences  $x_1 < x_2 < \dots < x_n$  of real numbers.

L. Markus (Princeton, N.J.)

1 - F/W

KRZYWICKA, A.

POLAND / Chemical Technology. Chemical Products and H-35  
Their Application. Leather. Fur. Gelatin.  
Tanning Agents. Industrial Proteins.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 3360.

Author : Krzywicka, A.

Inst : Not given.

Title : Problem Concerning the Scalding of Pig Skins.

Orig Pub: Przegl. skorzany, 1956, 11, No 8, 189-193.

Abstract: No abstract.

Card 1/1

KRZYWICKA, A.

Researches on the liming of Polish goatskins. p. 247.  
(PRZEGLAD SKORZANY. Vol. 11, no. 10, Oct. 1956, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

POLAND/Chemical Technology. Chemical Products and Their Application. Leather. Fur. Gelatine. Tanning Materials. Industrial Proteins.

H-35

Obs Jour: Ref Zhur-Khim., No 2, 1959, 6942.

Author : Krzywicka, Alicja.

Publ :

Title : Manufacturing of Glove Leather from Pig Skins.

Orig Pub: Przegl. skorzany, 1957, 12, No 1, 19-39; No 2, 43-48.

Abstract: The butt of a pig skin is little fit for manufacturing of glove leather, and the shoulder, being fit for that by its structure, is not large enough. The dermal tissue of the butt of a pig skin can be loosened by repeated mechanical treatment at the right angle to the spinal column, as well as by additional intensive liming and bating. For the manufacturing of glove pig leather

Card : 1/2

POLAND/Chemical Technology. Chemical Products and Their Application. Leather. Fur. Gelatine. Tanning Materials. Industrial Proteins.

H-35

Obs Jour: Ref Zhur-Khim., No 2, 1959, 6942.

it is recommended to plane the butts in raw state, to lime them 21 days in drums in old pits with an addition of  $\text{Na}_2\text{S}$ , to bathe them for 20 - 24 hours at  $32 - 34^\circ$ , to degrease the unhairied skins after bathing, and to pickle them using  $\text{HCl}$  or  $\text{HCOOH}$ , but no  $\text{H}_2\text{SO}_4$ . They should be tanned finally with syntan, greased with 12 to 15% of grease, and dried without stretching at about  $20^\circ$  in well circulating air. - M. Lyuksenburg.

Card : 2/2

KRZYWICKA, A.

The problem of tanning pigskin glove leather. (Conclusion) p. 43.  
(Przeglad Skorzany, Vol. 12, No. 2, Feb. 1957, Krakow, Poland)

SO: Monthly List of East European Accessories (EXAL) Lc. Vol. 6, No. 8, Aug. 1957. Und

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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826920020-2"

KRZYWICKA, Hanna  
Wojciech, Zofia; KRZYWICKA, Hanna

Studies on air disinfection with chemical media. Przegl. epidem.  
8 no. 2:121-128 1954.

1. Z Dzialu Epidemiologii Państwowego Zakładu Higieny.  
(AIR,  
disinfect., chem. techniques)

WOJCIAK, Zofia; KRZYWICKA, Hanna

Disinfection of linen with chemical agents. Przegl. epidem.,  
Warsz. 10 no.3:265-277 1956.

1. Z Zakladu Epidemiologii Państwowego Zakladu Higieny.  
(ANTISEPSIS AND ASEPSIS,  
linen disinfection with chem. agents (Pol))

KRZYGOCIA, H.; GRUNDLAND, I.

Interrelation between the chemical structure of antiseptic agents and their reaction, especially on the surface. p. 34. (Prace Instytutow i Laboratoriow Badań Przemysłu Rolnego i Spożywczego, Vol. 7, No. 1, 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Unci.

WOJCIAK, Zofia; KRYWICZA, Hanna

Chemical disinfection of linen. II. Use of activated chloramine  
solutions. Przegl. epidem., Warsz. 11 no.2:189-193 1957.

1. Z Zakladu Dezynfekcji, Dezynfekcji i Desztysacji Państwowego  
Zakladu Higieny.

(CHLORAMIDAS, eff.

disinfect. of *Micrococcus aureus* & *Bacillus subtilis*,  
contaminated linen (Pol))

(*MICROCOCCUS PYOGENES*, eff. of drugs on  
activated chloramine disinfect. of *M. aureus* contaminated

linen (Pol))

(*BACILLUS SUBTILIS*, eff. of drugs on  
activated chloramine, disinfect. of *B. subtilis*

contaminated linen (Pol))

WOJCIAK, Zofia; KRZYWICKA, Hanna

Studies on bacterial contamination of the hands in the nursing staff. Pediat. polska 35 no.1:95-102 Ja '60.

1. Z Zakladu Dezynfekcji, Dezynsekcji, Deratyzacji P.Z.H. Kierownik Zakladu: dr.med. A. Brodniewicz.  
(HANDS microbiol.)  
(NURSING)

ARCT, Jacek; ECKSTEIN, Zygmunt; GWIAZDECKA, Irena; KRZYWICKA, Hanna

Possibilities of utilising 2,4,5-trichlorophenol in the synthesis  
of pesticides. Przem chem 41 no.10:582-586 0 '62.

1. Katedra Technologii Organicznej II, Politechnika Warszawa i  
Panstwowy Zaklad Higieny, Warszawa.

ARCT, Jacek; ECKMELIN, Zygmunt; KRZYWICKA, Hanna

Bacteriostatic activity of  $\alpha$ -hydroxybenzyl alcohol derivatives.  
Przem chem 43 no. 2: 87-91 F '64.

1. Katedra Technologii Organicznej II, Politechnika, Warszawa  
i Państwowy Zakład Higieny, Warszawa.

8/044/63/000/002/013/050  
A060/A126

AUTHORS: Krzywicki, A., Rybarski, A.

TITLE: On a linearization of the equation of an elastic rod

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 39, abstract 2B167  
(Zastosow. mat., 1962, v. 6, no. 3, 321 - 332; English; summaries  
in Polish, Russian)

TEXT: The author investigates a system of three nonlinear differential equations representing the shape of an elastic rod rigidly clamped at one end and subjected at the other end to a force perpendicular to the axis of the undeformed rod. As is known, the system under investigation is integrated with the aid of elliptic integrals. The authors give certain approximate solutions of the equations, containing elementary functions and Bessel functions. These approximate solutions are obtained by applying the method of linearization, similar to the method of harmonic linearization known from the theory of nonlinear oscillations. An error estimate is also obtained for the approximate solutions. The case of small deformations of the rod is considered separately. Numerical

Card 1/2

On a linearization of the equation of ....  
examples are cited.

S/044/63/000/002/013/050  
A060/A126

Author's summary

[Abstracter's note: Complete translation]

Card 2/2

KRZYWICKI, A. (Wroclaw)

On an application of Weyl's method to a boundary value problem of  
linearized equations of hydrodynamics. Rocz prace matem 5:15-26 '61.

CHARZINSKI, Z. (Lodz); KRZYWICKI, A. (Wroclaw); ZAWORSKI, J. (Wroclaw)  
[deceased].

Witold Wolibner, September 9, 1902 - January 9, 1961. Col  
math 10 no. 2:353-360 '63.

KROCHICKI, A.

A lateral force exercised by a viscous and compressible liquid on an obstacle.  
In French, p.241.  
BILLETIN. Varsovie  
Vol. 3, no. 5, 1955

So. East European Accessions List Vol. 4, No. 9 September 1956

KRZYWICKI, A.

The lateral force exercised by a compressive viscous liquid on an obstacle. In French. p. 174  
(*Studia Mathematica*. Vol. 15, no. 2, 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957.  
Uncl.

KRZYWICKI, A.

The frontal force exercised by a compressive viscous liquid on an obstacle.  
In French. p. 252.  
(*Studia Mathematica*. Vol. 15, no. 2, 1956.)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

5

✓ Krzywicki, A.; Rzewuski, J.; Zamorski, J.; and Zięba,  
A. Non-local problems in the calculus of variations. II.  
Ann. Polon. Math. 4 (1957), 30-39.

In part I [same Ann. 2 (1955), 77-96; MR 17, 861] the authors considered the first variation for the problem of minimizing a functional of the form

$$I = \int_a^b \int_a^b L(t, t', q(t), q(t'), \dot{q}(t), \dot{q}(t')) dt dt',$$

where  $q$  is a function of a single variable. In this paper an oscillation theorem is derived for the linear integro-differential equation which is the Euler-Lagrange equation for  $I$  when the integrand  $L$  is a quadratic form, under the assumption that there is a uniquely determined two parameter family of solutions when  $a$  and  $b$  are fixed. Then the solutions are also the solutions of a second order linear differential equation, so the classical theorem of Sturm applies. Also the second variation of the integral, and sufficient conditions for a weak minimum are discussed.

1/1 (Attention should be called to a dissertation by A. R. Jacoby [Iterated integrals in the calculus of variations, Univ. Chicago, 1946 (microfilm copies obtainable from

*K. F. / 6/1/01*  
University of Chicago Libraries)], in which sufficient  
conditions for a semi-strong minimum for the functional  
 $I$  are derived. Here, "semi-strong minimum" means merely  
that a uniform bound on the derivatives of comparison  
functions  $q(t)$  is assumed. The sufficiency proof given by  
Jacoby is an indirect one.}

5

*L. M. Graves (Chicago, Ill.)*

KRZYWICKI, A.

A problem of forces and momenta exercised on an obstacle by a compressive viscous fluid. In French.

P. 48 (STUDIA MATHEMATICA) Poland, Vol. 16, No. 1 1957

SO: Monthly Index of European Accessions (AELI) Vol. 4, No. 11, November 1957

KR24W1C1, A

Distr: 4E3e 2 cys

✓ Phenomenological theory of unstable particles. A

Kryszwicki and J. Szymanski (Inst. Badań Jądrowych,

Warsaw). Polish Acad. Sci. Inst. Nuclear Research, Rep.

No. 125/VII, 3 pp. (1959) (in English); cf. Levy, Nuovo

Cimento 13, 115 (1959); Araki, et al., C.A. 51, 11863g. --

46 A more accurate description of unstable particles in terms

✓ of stable-particle scattering properties is given on the basis

✓ of the S-matrix formalism. A. Szalewski

POLAND/Theoretical Physics - Quantum Theory of Fields.

B

Abs Jour : Ref Zhur Fiz. N. 4, 1960, 7751  
Author : Krzywicki, A.  
Inst : Institute of Nuclear Research, Warsaw, Poland  
Title : An Approximation Method for Solving Scattering Problems  
Orig Pub : Bull. Acad. polon. Sci, math., astron. et phys. 1959, 7,  
No 1, 41-45

Abstract : A relativistically covariant approximate method is proposed, which may be useful in the investigation of processes with strongly interacting particles. The method consists of expanding the operators of the interacting fields in normal products of asymptotic operators (corresponding to the time tending to  $\pm \infty$ ), with a few of the first terms of the expansion being used. The author does not give any specific examples of the application of the method. -- M.I. Ryazanov

Card 1/1

KRZYWICKI, A.

On the possibility of measuring the branching ratio  $R: \frac{(\pi^+ p \rightarrow \pi^+ \pi^- + p)}{(\pi^+ p \rightarrow \pi^+ \pi^- + n)}$   
at very high energies. Bul Ac Pol mat 8 no. 7: 477-485 '60.

1. Institute for Nuclear Research, Polish Academy of Sciences.  
Presented by L. Infeld.

(Physical measurements) (Mesons)

KRZYWICKI, A.

High-energy pion-nucleon collisions and isotopic properties of the pion-pion interaction. Bul Ac Pol mat 8 no. 7-487-491 '60.

1. Institute for Nuclear Research, Polish Academy of Sciences. Presented by L. Infeld.

(Mesons) (Nuclear physics)

1961

PHASE I BOOK EXPLOITATION

POL/5733

Polskie Towarzystwo Matematyczne

Prace matematyczne (Mathematical Transactions) Warsaw, Państwowe Wydawn. Naukowe, 1961. 146 p. (Series: Its: Roczniki. Seria I., [no] 5) 1,150 copies printed.

Editorial Board: Chief Ed.: Władysław Orlicz; Deputy Chief Ed.: Marceli Stark, Adam Bielecki, Witold Bogdanowicz, Stanisław Goląb, Jerzy Górska, Stanisław Hartman; Secretary: Julian Musielak, Zbigniew Semadeni, Krzysztof Tatarkiewicz.

PURPOSE: This book is intended for mathematicians.

COVERAGE: This is a collection of 14 articles on the theory of functions, theory of numbers, theory of series, functional analysis, differential equations, and their applications to hydrodynamics and thermodynamics. No personalities are mentioned. References follow each article.

Card 1/4

## Mathematical Transactions

POL/5733

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## Mathematical Transactions

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107

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POL/5733

Reports from Scientific Meetings of the Polish Mathematical Society

13

AVAILABLE: Library of Congress

Card 4/4

AC/rn/mas  
11-6-61

KRZYWICKI, A.

On the final-state interaction in single-pion production processes.  
Bul Ac Pol Mat 9 no.4:305-311 '61.

1. Institute of Nuclear Research. Warsaw. Presented by L. Infeld.

33784

P/045/62/021/002/005/007  
B137/B102

24.6700

AUTHORS: Koba, Ziro, and Krzywicki, Andrzej

TITLE: Remarks on the "effective target mass"

PERIODICAL: Acta Physica Polonica, v. 21, no. 2, 1962, 153 - 174

TEXT: The authors investigate the "effective target mass" as defined by N. G. Birger and Yu. A. Smorodin (Zh. eksper. teor. fiz., 37, 1355 (1959)) as to whether or not this experimentally measurable quantity can give certain information on the collision mechanism and the high (some Gev) and superhigh ( $\sim 10^2$  Gev) energy ranges. If an incident particle (nucleon or pion) is assumed to collide, not with the whole target particle (nucleon), but only with a small part of it (e.g., a virtual pion in the cloud) with an effective mass  $m^*$ , this quantity  $m^*$  can be written as

$m^* = \sum_i' (p_{0i}^{(1)} - p_i^{(1)} \cos \theta_i^{(1)})$ , where (1) indicates a quantity in the

laboratory system, and  $\sum'$  denotes summation not including the recoil target nucleon. The invariant quantity  $\kappa^2 = \Delta^2 - \vec{\Delta}^2 - \Delta_0^2$  plays an

X

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P/045/62/021/002/005/007

B137/B102

Remarks on the "effective target ...

essential role in the field-theoretical treatment.  $\vec{\Delta}$  and  $\Delta_0$  denote respectively the energy and momentum transfer between two groups of particles. Since  $\kappa^2$  is not easy to determine experimentally, the authors derive the following relation between  $\kappa$  and  $m^*$ :  $\kappa = m^*/\gamma_g - \sqrt{\gamma^2 - 1}$ , where  $\gamma_g$  is the Lorentz factor connecting the so-called S system with the laboratory system. The S-system or minimum-momentum system is characterized by  $\Delta_0(s) = 0$ , i.e., the energy transfer between two groups of particles vanishes. A method for determining  $\kappa$  from measured values of  $m^*$  is given. The effective target mass is examined first within the framework of general kinematic relations which are independent of any interaction mechanism, then from the point of view of the one-pion exchange theory. The ratio of the effective target mass to the whole mass of the target particle is related to partial inelasticity in a system moving in the direction of incidence. A method for determining the mirror inelasticity from the measured recoil momentum is given. A quantum-field theoretical investigation of the target mass on the basis of the one-pion exchange model without and with pole approximation (where the "cross

Card 2/3

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P/045/62/021/002/005/007  
B137/B102

Remarks on the "effective target ...

section" of the virtual pion is replaced by that of a real pion) is made in order to compare experimental results. According to the one-pion exchange formalism, the distribution of  $m^*$  is found to be not very significant for giving information on the nucleon structure and the nucleon-nucleon collision mechanism. The properties of the generalized effective target mass are examined, and the relationship between the effective target mass and the virtuality of the exchanged pion is discussed. The authors thank Professor M. Danysz, Professor M. Mięsowicz and their collaborators for their interest. Ziro Koba thanks the Polish Academy of Sciences, Professor L. Infeld, and Doctor J. Dąbrowski for their hospitality. There are 8 figures and 13 references: 5 Soviet and 8 non-Soviet. The four most recent references to English-language publications read as follows: Friedländer, E. M., Phys. Rev. Letters, 5, 212 (1960); Lanius, K. et al., private communication (1961); Salzman, F. and Salzman, G., Phys. Rev., 121, 1541 (1961); Yajima, N., Takagi, S., and Kobayakawa, K., Progr. Theor. Phys., 24, 59 (1960).

ASSOCIATION: Institute for Nuclear Research, Warsaw

SUBMITTED: July 15, 1961

Card 3/3

X

KRZYWICKI, A.; RYBARSKI, A. (Wroclaw)

On a linearization of an equation of an elastic rod. *Zastos mat*  
6 no.3:321-332 '62.

1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa.

KRYnicki, T. KRYnicki, A.

On a linearization of an equation of an elastic rod. It. Akad. Nauk. Warszawa, 7 no. 4:385-390, 1962.

In: Mathematical Institute of the Warsaw University and Institute of Mathematics of the Polish Academy of Sciences. Submitted September 25, 1962.

KREYWICKI, C.

Surface

30

1343. C. Krywicki, "Five examples of frame computation based on theory of plasticity" (in Polish), *Inżynier Rzeczyw.*, No. 1947, vol. 4, pp. 105-108; May 1914, vol. 5, pp. 120-122.

Five examples of one, two, and multibay frames are used to illustrate their computation and dimensioning on the basis of the design condition that the yield point is reached at the most highly stressed cross section. The equations for these frames are derived, and their application to various types of load is illustrated by numerical examples.

W. Olazak, Poland

Krzywicki E.

Krzywicki E., Eng. "Technical Leathers." (Skory techniczne). Przeglad Skorzany, No. 5-6, 1949, pp. 10-11, 1 fig.

The author quotes an original method developed and tried out by himself, in the manufacture of chrome -vegetable tanned rubbing leather for the textile industry. The properties of the finished leather are equivalent to those of leather being imported.

SO: Polish Technical Abstracts - No. 2, 1951

KRZYWICKI, EDWARD

Krzywicki, Edward. Przemysł skórzany w planie sześciolatnim. Warszawa,  
Panstwowe Wydawn. Techniczne, 1951 79 p. (Biblioteka planu sześciolatniego)  
(The tanning industry in the Six-Year Plan. Illus.)

SO: East European, LC Vol. 2, No. 12, Dec. 1953

KANTOROWSKI, M.

Russia and chrome leathers. p. 23.  
PRZEWODNIK SPOŁECZNY, Lódz, Vol. 10, no. 2, Feb. 1955.

Re: Monthly List of East European Accessions, (EEAL), L., Vol. 4, no. 10, Oct. 1955,  
Incl.

Poland/Chemical Technology - Chemical Products and Their Application. Leather.  
Fur. Gelatin. Tanning Agents. Technical Proteins,  
I-29

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63785

Author: Krzywicki, Edward

Institution: None

Title: Dry Chrome Tanning

Original  
Periodical: Garbowanie chromowe suche. Przegl. skorzany, 1955, 10, No 7, 154-157;  
Polish

Abstract: On a semiplant scale dry chrome-tanning has been carried out. Discussed are the technological operating conditions, compounding and practical results of the tanning.

Card 1/1

KRZYWICKI, E.

Certain properties of common tanning extracts. p. 177. PRZEGŁAD SKÓRZANY.  
Lodz. Vol. 10, no. 8, Aug. 1955

Source: East European Accessions List, (EEAL), Ic, Vol. 5, No. 3, March 1956

KOTWICKI, L.

Wearability of sole leather. p. 206.

PRZEGŁAD SKÓZ ZAMY. (Centralne Zarządy Przemysłu Garbarskiego, Gospodarczego i Artykulew Skórzanych) Łódź, Poland. Vol. 10, no. 9, Sept. 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1959.  
Uncla.

KRZEMICKI, T.

Indain and Chinese goatskins as raw material for gloves.

P. 215. (Przeglad Skorany. Vol. 11, no. 9, Sept. 1956, Lodz, Poland)

Monthly Index of East European Access ons (LC. VOL. & & 7, no. 2,  
February 1958

KRZYWICKI, E.

POLAND / Chemical Technology. Chemical Products and H-35  
Their Application. Leather. Fur. Gelatin.  
Tanning Agents. Industrial Proteins.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 3365.

Author : Krzywicki, E.

Inst : Not given.

Title : Current Methods of Tanning and Finishing Shoe  
Wear Uppers.

Orig Pub: Przegl. skorzany, 1956, 11, No 12, 300-304.

Abstract: No abstract.

Card 1/1

POLAND/Chemical Technology - Leather. Fur. Gelatin. Tanning  
Agents. Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83934

Author : Krzywicki, B.

Inst : -

Title : Causes for a Low Quality in Finished Leathers.

Orig Pub : Przegl. skorzany, 1957, 12, No 1, 9-14.

Abstract : No abstract.

Card 1/1.

KRZYWICKI, J.

The problem of tanning pigskin for glove leather. (To be continued) p 15.  
(Przegląd Skorzany, Vol. 12, No. 1, Jan. 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (ERAL) LC. Vol. 6, No. 8, Aug. 1957. Unci.

KRZYWICKI, E.

Leathers made of horsehide to imitate kid leather. p. 33.  
(Przeglad Skorzany, Vol. 12, No. 2, Feb. 1957, Krakow, Poland)

SC: Monthly List of East European Accessions (EXAL) Lc. Vol. 6, No 8, Aug. 1957. Unc1.

POLAND/Chemical Technology - Leather. Fur. Gelatin. Tanning  
Agents. Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83928

Author : Krzywicki, E.

Inst : ~~←~~

Title : Tanning Methods of Sole Leather Abroad.

Orig Pub : Przegl. skorzany, 1957, 12, No 3, 69-75.

Abstract : The long lasting methods (up to one year) and accelerated  
ones for tanning of sole leather were described.

Card 1/1

POLAND/Chemical Technology - Chemical Products and Their Application, Part 4. - Leather, Fur, Gelatin, Tanning Agents, Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 49133

Author : E. Krzywicki

Inst : -

Title : Waterproof Leather.

Orig Pub : Przegl. skorzany, 1957, 12, No 6, 143-146

Abstract : The production of waterproof chrome tanned leather is described. Requirements put to the raw material, its preliminary preparation and cleansing, the tanning methods and the dressing methods of unfinished goods are presented.

Card 1/1

POLAND / Chemical Technology, Chemical Products and Their Application. Leather, Fur, Gelatin. Tanning Materials. Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17973

Author : Krzywicki, E.

Inst : Not given

Title : Vellure Leather and Nubuk.\*

Orig Pub : Przegl. skorzany, 1957, 12, No 9, 220-225

Abstract : In obtaining good quality vellure leather it is recommended to adhere to the following method. Soaking and ashing of 20 hours duration for each should be conducted in a drum with periodic rotation; deashing with  $(\text{NH}_4)_2\text{SO}_4$  and lactic acid up to 7.9 pH; softening in the same bath with an addition of lactic acid; to the pickling solution are added 0.5% acetic acid and instead of NaCl, sometimes anhydrous  $\text{Na}_2\text{SO}_4$ . Tanning without the use of pickling

Card 1/3

\*Probably a type of goat hide.

Poland, Chemical Technology, Chemical Products and their  
Application. Leather, Fur, Gelatin. Tanning Materials.  
Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17973

is widely used in the manufacture of velvets. In this case the deashing is more complete but to the tannin liquor is added sodium acetate, or else, before tanning the raw hides are treated with oxalic acid. Finishing of velvets is characterized by purer and deeper planning. After an adequate neutralization and washing, hide is folded with right sides together and after warming up to 50° it is covered with alizarin oil and egg yolks followed by drying at low temperature and by conditioning with cold humid air for 8 - 10 days. After being stored in saw dust, stretched twice, and stretched on a frame, the hide is dried at 30°, scraped and pared on a machine. Hides which were folded with scraped sides together, are dyed with acid dyes until a quick Sic and even color is

Card 2/3

H-163

POLAND / Chemical Technology, Chemical Products and Their  
Application. Leather, Fur, Gelatin. Tanning Materials.  
Industrial Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17973

obtained. In dying hides black, gambir, sumac, and  
syntan are added. After dying, hides are dried at 25°  
without dripping (in order to avoid formation of creases).  
Difference in the finishing of "nubuke" consists in a more  
thorough treatment after the application of oil. Polishing  
is accomplished by starting immediately with fine grades of  
sandpaper. -- M. Lyuksenburg

\*Probably a type of goat hide.

Card 3/3

POLAND/Chemical Technology. Chemical Products  
and Their Applications. Leather. Furs.  
Gelatin. Tanning Materials. Industrial  
Protoins.

H

Abs Jour : Rof Zhur-Khimiya, No 6, 1959, 21964

Author : Krzywicki, E.

Inst :   

Title : Basic Principles for Dyeing Top Skins  
Without Using a Cover Finishing.

Orig Pub : Przegl. skorzany, 1957, 12, No 11,  
261-266

Abstract : A classification of dyes and the mechanism  
of their coupling with leather fabrics un-  
der various conditions of dyeing is cited.  
Correct use of booster agents permits re-

Card : 1/3

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POLAND/Chemical Technology. Chemical Products  
and Their Applications. Leather. Furs.  
Gelatin. Tanning Materials. Industrial  
Proteins.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21964

gulation of the dyeing process of leather  
and turns out a product with properties  
as determined beforehand. To obtain uniform  
dyeing of the leather, preliminary oper-  
ations are also of great significance: care-  
ful soaking off of the wet-salt raw mate-  
rial (up to 40 hours) with intermediate  
skouring and use of wetting agents; liming  
in strained lime pits at 24° in drums for  
18 hours (without preserving the wool);  
grading of the hides; deliming and softening  
in vats which contain ammonium formate

Card : 2/3

POLAND/Chemical Technology. Chemical Products  
and Their Applications. Leather. Furs.  
Gelatin. Tanning Materials. Industrial  
Proteins.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21964

and purgatol; refining the grain layer and  
treatment by acid siftings, pickel formate  
and chrome tanning by juices prepared by  
restoration of bichromate with molasses.  
Planned leathers are bleached in a solution  
of bisulfite and aluminum sulfuric acid  
and neutralized to a pH of 5.4-5.7. The  
dyeing intended for finishing with non-  
pigmented glosses is conducted in 2 vats:  
first with acids and directly, then with  
basic dyes. -- M. Lyuksemburg

Card : 3/3

H-177

ANALYST: Krzywicki, E.

COL. 1: POLAND

COL. 2: Chemical Technology, Chemical Products and their Applications, Leather, Fur, Gelatin.\*

COL. 3: JUNE, 1959, No. 10, 1959, No. 5047

AUTHOR: Krzywicki, E.

INST: -

TITLE: Differences and Similarities of Chemical Structure of the Synthetic Tanning Agents and Dyes for Leather.

ORIG. PUBL: Przegl. skorzany, 1958, 13, No 13, 191-197

ABSTRACT: A review. The bibliography covers 15 references.

\*Tanning Materials. Industrial Proteins.

CARD: 1/1

R - 186

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920020-2

Chemical Technology, Chemical Products and  
Their Application, Part 4. - Leather, Furs,  
Gelatin, Tanning Agents, Industrial Proteins.

Abs Jour: Ref Zhur-Khimiya, No 18, 1953, 63232.

Author: E. Krzywicki.

Inst: Not given.

Title: Upon Some Problems of Economy and Organization of Leather Production in Poland and Other Countries.

Orig Pub: Przegl. skorzany, 1958, 13, No 3, 51 -56.

Abstract: No abstract.

Card 1/1

COUNTRY	:	Poland	H-35
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959, No. 88854	
AUTHOR	:	Krzywicki, E.	
INST.	:		
TITLE	:	Advances in Technology of Soaking and Liming Operations in the Production of Chrome Tanned Leather. Part I.	
ORIG. PUB.	:	Przegl. skorzany, 1958, 13, No 1, 7-11	
ABSTRACT : Soaking of brine-cured stock is best started with a 3-hour washing with rotation in one volume of water. Total duration of soaking in a low-speed drum, with three changes of water (15-17°), is 24-30 hours, while with warmer water it is shorter by 1/3; with salt-cured stock it is of 48 hours. In soaking of sun-dried stock from tropical countries use is made of emulsifying and bactericidal agents, 0.3-1 g/liter, and working by hand without touching the weak areas. Working in drums is intermittent, for several minutes at a time. Soaking should be thorough but not prolonged. Unhairing by painting has advantages over unhauling in a bath: a denser grain side is obtained			
CARD: 1/3			

COUNTRY	:	Poland	H-35
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959,	No. 88854
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
<p><b>ABSTRACT</b> : and blood-vessels are less apparent. Painting of soaked unwrung stock results in swelling of unhaired product, breaking, and veiny leather. To reduce swelling the paint composition is made with spent liming liquor (gloving leather), or by adding to the liming composition glucose, moleskal S, or replacing 1/3 - 1/2 of <math>Na_2S</math> with calcinated soda. Large heavy hides are painted on the hair side. For uniform liming the hides are hung on frames which are immersed and lifted out periodically. Low-speed liming drums should have a liquid coefficient of 4. Rotated for 2-3 minutes per 1 hour, sharpening with <math>Na_2S</math>, rotated for 3 minutes, stopped for 3 hours, and subsequent stops for</p>			
CARD: 2/3			

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COUNTRY	:	Poland	H-35
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959,	No. 88854
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
<p><b>ABSTRACT</b> : 4 hours. Duration of liming of large stock is of 16 hours. The thinner the stock, the less lime should be used in liming and the more <math>Na_2S</math>. For cattle-hides it is recommended to use lime bath at <math>26^\circ</math> with high content of <math>Na_2S</math>, without recovery of the hair. Duration of liming up to 18 hours; calfskins are limed for 30 hours in baths with high content of <math>Na_2S</math>; for velours the liming is of more than 30 hours. Goatskins are limed by painting using much <math>Na_2S</math> (no lime). Sodium sulphhydrate is of widespread use. Duration of liming is reduced by addition of surface active agents. The limed hides are placed in water with 0.5% lime or in soft water. -- M. Lyuksemburg.</p>			
CARD: 3/3			

COUNTRY : POLAND  
 CATEGORY : Chemical Technology. Chemical Products and  
 Their Applications. Leather. Fur. Gelatine.\*  
 ABS. JOUR. : RZKhim., No. 23 1959, No. 84516

AUTHOR : Krzywicki, E.  
 IMPR. :  
 TITLE : Crinkled Leather for Shoe Tops

ORIG. PUB. : Przegl. skorzany, 1958, 13, No 7, 163-168

ABSTRACT : The characteristic peculiarity of crinkled leather is its softness and body as compared to the cut leather that resembles oil cloth to the touch. Most often for the manufacture of crinkled leather large raw hides are being employed, thus obtaining a very strong (to tear) and non-elastic leather. Good results in obtaining crinkled leather are feasible when employing raw pig hides, since pig leather easily loses its characteristic grain.  
 \*Tanning Materials. Industrial Proteins.

CARD: 1/6

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920020

COUNTRY :  
 CATEGORY :  
 ABS. JOUR. : RZKhim., No. 23 1959, No. 84516

AUTHOR :  
 IMPR. :  
 TITLE :

ORIG. PUB. :

ABSTRACT : and its appearance is thus enhanced. In addition to this, numerous texture imperfections of pigs' hides become less prominent after crinkling. Nevertheless, in the treatment of pig leather, having crinkled topside, a good selection of hides derived from mature animals and freshly pickled, is required. The following procedure is normally employed. After a considerable washing and mechanical deciling the hides are smeared with a hair-removing substance along the flesh side, and are allowed to remain smeared for 16-18 hours.

CARD. 2/6